

02192830 BLUE HILL CREEK AT ABBEVILLE, SC

LOCATION.--Lat 34°10'03'', long 82°22'17'', Abbeville County, Hydrologic Unit 03060103, on downstream side of footbridge behind the Milliken waste water treatment facility, 0.3 mi downstream of SC Highway 72, and 1.4 mi upstream of Parker Creek.

DRAINAGE AREA.--3.24 mi².

PERIOD OF DAILY RECORD.-- February 1998 to Current year.

GAGE.--Data collection platform. Datum of gage is 475 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records fair.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	1.3	1.9	1.6	40	2.1	2.7	2.9	1.5	2.7	1.0	.71
2	1.4	2.0	1.9	9.9	8.3	2.1	2.4	2.1	1.6	2.3	1.0	.63
3	1.5	1.6	2.0	11	4.3	3.7	2.2	2.0	2.0	2.2	1.0	.61
4	1.5	1.3	2.0	2.5	5.0	1.9	2.2	2.0	1.6	2.0	1.0	.65
5	1.6	1.5	2.1	2.6	3.1	1.8	2.0	3.5	1.6	1.9	1.1	.61
6	1.6	1.5	1.9	3.0	2.9	2.1	2.0	3.0	1.5	2.4	1.0	.67
7	2.8	1.4	2.0	2.6	3.1	1.8	2.0	2.2	1.5	2.2	1.0	.63
8	2.9	1.3	2.0	2.9	2.7	1.9	2.5	2.1	1.5	2.4	1.9	.69
9	1.4	1.6	1.9	3.0	2.6	3.4	2.1	1.9	1.5	1.9	2.4	17
10	1.3	1.5	1.9	2.7	2.4	2.0	2.0	2.1	1.5	2.1	1.0	1.3
11	1.3	1.5	1.8	2.7	2.2	1.8	2.2	1.8	1.5	7.0	.90	.83
12	1.3	1.3	1.8	2.6	2.2	1.9	1.9	1.8	1.6	4.0	.87	.95
13	1.3	1.4	2.9	2.6	2.0	1.8	1.8	4.1	1.4	16	.94	.69
14	1.2	3.2	2.0	2.7	1.9	10	1.8	2.1	1.5	1.3	.87	.66
15	1.2	2.7	2.0	3.3	1.9	2.6	2.3	1.9	5.0	1.2	.87	.73
16	1.2	8.2	2.3	2.6	1.9	2.3	1.8	1.7	27	1.3	.83	.79
17	1.2	4.8	1.9	5.9	2.4	2.4	1.8	1.7	3.8	1.3	.81	.77
18	1.3	2.0	1.7	3.6	7.6	2.4	1.7	1.7	2.4	1.3	.83	.80
19	1.2	2.1	1.7	2.6	11	2.3	1.7	1.7	2.4	1.3	.76	.74
20	1.3	2.0	1.8	2.4	3.4	2.3	1.8	1.6	2.4	1.3	1.0	2.6
21	1.3	2.1	1.8	2.5	2.8	2.5	1.7	1.6	2.5	1.3	.86	1.6
22	1.4	1.9	1.9	2.3	2.6	2.2	1.7	7.5	2.5	1.4	.68	1.4
23	1.4	1.9	2.3	6.8	2.6	2.2	1.7	1.9	2.5	1.4	.75	.99
24	1.4	2.0	6.0	4.4	2.6	2.2	1.7	1.7	3.0	2.2	2.4	1.0
25	1.3	2.1	4.0	2.6	2.4	2.5	1.6	1.7	2.5	1.3	.96	.96
26	1.4	2.0	1.9	2.3	2.3	2.5	1.7	1.6	2.4	1.2	.98	.93
27	1.4	3.2	1.7	2.2	2.2	2.2	2.6	1.6	3.1	1.2	.82	1.4
28	1.4	2.0	1.9	2.2	2.3	2.0	2.2	1.5	2.7	1.2	.76	1.1
29	1.4	1.8	1.8	2.1	--	2.1	5.9	1.6	3.8	1.3	.64	1.1
30	1.5	1.9	1.6	5.8	--	2.1	8.6	1.6	2.6	1.2	.67	.96
31	1.3	--	1.6	5.3	--	3.4	--	1.5	--	1.1	.69	--
TOTAL	45.3	65.1	66.0	111.3	130.7	78.5	70.3	67.7	92.4	72.9	31.29	44.50
MEAN	1.46	2.17	2.13	3.59	4.67	2.53	2.34	2.18	3.08	2.35	1.01	1.48
MAX	2.9	8.2	6.0	11	40	10	8.6	7.5	27	16	2.4	17
MIN	1.2	1.3	1.6	1.6	1.9	1.8	1.6	1.5	1.4	1.1	.64	.61
CFSM	.45	.67	.66	1.11	1.44	.78	.72	.67	.95	.73	.31	.46
IN.	.52	.75	.76	1.28	1.50	.90	.81	.78	1.06	.84	.36	.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 1999, BY WATER YEAR (WY)

MEAN	1.46	2.17	2.13	3.59	4.67	4.98	6.07	4.09	3.21	2.08	1.25	1.80
MAX	1.46	2.17	2.13	3.59	4.67	7.43	9.79	5.99	3.34	2.35	1.49	2.12
(WY)	1999	1999	1999	1999	1999	1998	1998	1998	1999	1998	1998	1998
MIN	1.46	2.17	2.13	3.59	4.67	2.53	2.34	2.18	3.08	1.81	1.01	1.48
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1998	1999	1999

SAVANNAH RIVER BASIN

SUMMARY STATISTICS

02192830 BLUE HILL CREEK AT ABBEVILLE, SC--Continued
FOR 1999 WATER YEAR

WATER YEARS 1998 - 1999

ANNUAL TOTAL	875.99			
ANNUAL MEAN	2.40			
HIGHEST ANNUAL MEAN		2.40		1999
LOWEST ANNUAL MEAN		2.40		1999
HIGHEST DAILY MEAN	40	Feb 1		
LOWEST DAILY MEAN	.61	* Sep 3	Mar 8	1998
ANNUAL SEVEN-DAY MINIMUM	.64	Sep 2	.61	* Sep 3 1999
INSTANTANEOUS PEAK FLOW	155	Sep 9	.64	Sep 2 1999
INSTANTANEOUS PEAK STAGE	4.43	Sep 9	294	May 1 1998
ANNUAL RUNOFF (CFSM)	.74		5.94	May 1 1998
ANNUAL RUNOFF (INCHES)	10.06		.74	
10 PERCENT EXCEEDS	3.3		10.06	
50 PERCENT EXCEEDS	1.9		5.3	
90 PERCENT EXCEEDS	.96		2.0	
				1.1

* Also occurred Sep. 5, 1999.

